

DOE Funding Opportunities for Solid State Lighting

The U.S. Department of Energy (DOE) partners with industry, universities, and national laboratories to accelerate advances in solid state lighting (SSL) technology. As a technology matures from basic research to eventual product sales, DOE has several funding opportunities available to support its development. SSL research partners and projects are selected based on factors such as energy savings potential, likelihood of success, and alignment with the SSL R&D plan.

Basic Energy Science

DOE's Office of Science supports grants in Basic Energy Sciences, advancing the fundamental research in natural sciences and engineering that leads to new and improved energy technologies, and to understanding and mitigating the environmental impacts of energy technologies. Visit www.science.doe.gov/grants/Fr04-01.html to learn more about the Office of Science annual solicitation process.

EE Science Initiative

DOE's Office of Energy Efficiency and Renewable Energy Science Initiative (EESI) has provided funding for materials science research on semiconductors, electro-optical materials, and other materials for applications that include solid state lighting. Several current solid state lighting projects are funded through this solicitation.

Building Technology/National Energy Technology Laboratory

DOE's Building Technologies Program funds R&D on materials, components, and systems applicable to both residential and commercial buildings. R&D areas of interest include solid state lighting as well as conventional light sources, advanced lighting fixtures and controls, space conditioning equipment, building envelope, whole buildings, zero energy buildings, and other areas

DOE Funding Opportunities

Research		Development			Demo	Sales
Basic	Applied	Exploration	Advancement	Engineering		
Basic Energy Science (Office of Science)					Commercialization	
	EE Science (Office of EERE)					
	Building Technology/NETL (Office of EERE)					
Small Business Innovation Research (Office of Science)						
			State Technologies Advancement Collaborative (Office of EERE/States)			
			Inventions and Innovation (Office of Industrial Technology)			

of need. Solicitations are issued through the National Energy Technology Laboratory (NETL). Visit www.netl.doe.gov/business/solicit to learn more about the Building Technology/NETL solicitation.

Small Business Innovation Research

The Small Business Innovation Research (SBIR) program seeks to increase the participation of small businesses in federal R&D. The program supports annual competitions among small businesses for Phase 1 (feasibility of innovative concepts) and Phase 2 (principal research or R&D effort) awards, and includes topics related to solid state lighting. Visit <http://sbir.er.doe.gov/sbir> to learn more about the SBIR program and funding available for research grants.

State Technologies Advancement Collaborative

The State Technologies Advancement Collaborative (STAC) seeks to strengthen the collaborative relationship between DOE and States to advance energy research, development, demonstration, and deployment projects. Established by DOE, the National Association of State Energy Officials (NASEO), and the Association of State Energy Research and Technology Transfer Institutions (ASSERTI), this jointly managed collaborative solicits and awards projects co-funded by DOE and States. Visit www.naseo.org/stac to learn more about the State Technologies Advancement Collaborative.

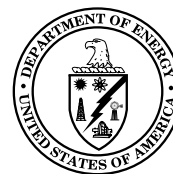
Inventions & Innovation

Inventions & Innovation (I&I) seeks to assist inventors, entrepreneurs, and small businesses in bringing their energy-saving ideas to the marketplace. I&I solicitations are open to all program areas within DOE's Office of Energy Efficiency and Renewable Energy, including building and lighting technologies. Visit www.oit.doe.gov/inventions to learn more.

Doing Business with DOE

Another helpful resource is DOE's e-Center, a comprehensive web-based guide to doing business with DOE. Users can view current business opportunities, register to receive notification of new business opportunities, and obtain information and guidance on the acquisition and financial assistance award process. Visit <http://doe-iips.pr.doe.gov> to learn more.

For more information on DOE Solid State Lighting projects, visit www.netl.doe.gov/ssl



U.S. Department of Energy
Energy Efficiency and Renewable Energy
Building Technologies Program